



# NCICB User Interface Library

December 2004, NCICB UI Library Guide

## NCICB USER INTERFACE LIBRARY

[MENU](#)[TEMPLATES](#)[COLOR SCHEMES](#)[BANNER TEMPLATES](#)[GUIDES](#)

Welcome to the National Cancer Institute Center for Bioinformatics (NCICB) User Interface Library. This library is intended to be used in conjunction with the NCICB UI Standards. It was created to further assist in the development of new NCICB user interfaces.



### BANNER TEMPLATES

The banner graphic is intended to use imagery to highlight your project. If you choose to implement a home page, you will need a banner graphic. [Click Here.](#)



### TEMPLATES

This section of the library allows you to select a layout and color scheme, and download the template directory of your choice. [Click Here.](#)



### COLOR SCHEMES

There are five approved color schemes which compliment the NCI header and footer. This section of the library includes the RGB and hexadecimal values for each color scheme. [Click Here.](#)



### LIBRARY GUIDES

This section includes the NCICB UI Standards documentation, the NCICB UI Library Guide, and a Tour of the Library. [Click Here.](#)

<b>Introduction .....</b>	<b>4</b>
<b>Using the Library.....</b>	<b>4</b>
<i>Templates.....</i>	<i>4</i>
<i>Banner Templates.....</i>	<i>4</i>
<i>Color Schemes.....</i>	<i>4</i>
<i>Library Guides.....</i>	<i>4</i>
<b>Using the Templates .....</b>	<b>4</b>
<i>Getting your Template.....</i>	<i>4</i>
Choose a Template .....	4
Choose a Color Scheme .....	5
Preview and/or Download Your Template .....	5
<i>Getting your Banner Template.....</i>	<i>5</i>
Understanding Photoshop .....	5
Moving around within Photoshop.....	6
<i>Creating Your Own Banner.....</i>	<i>7</i>

## Introduction

Welcome to the National Cancer Institute Center for BioInformatics (NCICB) User Interface (UI) Library. The library is intended to be used in conjunction with the NCICB UI Standards. It was created to further assist in the development of new NCICB user interfaces. This document reviews the tools available to you through the NCICB User Interface Library.

## Using the Library

### Templates

The NCICB UI Standards consists of five approved color schemes and three approved layouts. For each combination of color scheme and layout, the library includes a corresponding template directory. Each template directory includes 508 compliant wire-frame html for a home page, content page, data table page, and form page. Each page contains the NCI header and footer, as well as place holders for your project logo (sub-header) and banner. These templates are also enhanced with cascading style sheets, one of the easiest ways to begin compliance with Section 508. CSS allows the user to make individual customizations as desired. This section of the library allows you to select a layout and color scheme, and download the template directory of your choice.

### Banner Templates

Each template directory includes a home page. If you choose to implement your home page, you will need to create a banner graphic. The banner graphic is intended to use imagery to highlight your project. This section includes a variety of banner graphic templates available for download.

\*If you want to create your own banner, please refer to [Creating Your Own Banner](#).

### Color Schemes

As mentioned before, there are five approved color schemes; *Blue*, *Green*, *Purple*, *Tan*, and *Grey*. These color schemes were created to compliment the NCI web resources, so please do not deviate from these. This section of the library includes the RGB values and hexadecimal codes for each of the color schemes, which can be useful when creating graphics to compliment your chosen color scheme.

### Library Guides

This section includes the NCICB UI Standards documentation, the NCICB UI Library Guide, and a Tour of the Library. The NCICB UI Standards documentation outlines the UI standards that should be followed and enforced in existing and new NCICB applications and websites. The NCICB UI Library Guide (current document) provides an overview of the tools available to you through the library. The Tour of the Library provides a visual snapshot of the individual library sections, and takes you step by step through downloading your templates.

## Using the Templates

### Getting your Template

There are three simple steps necessary to obtain the template directory of your choice. Select **Templates** under the main navigation.

#### 1.) Choose a Template

The first step is to choose a template layout. On this page you will see three choices. Use the thumbnails to make your selection. Choose the appropriate template based on your project needs.

### **2.) Choose a Color Scheme**

The second step is to choose a color scheme. You will see five choices under step two. Use the thumbnails to make your selection. Choose a color scheme.

### **3.) Preview and/or Download Your Template**

Now that you have selected a color scheme and template, you can proceed to step three. The third and final step is to preview and download your template. Select Preview to see a screenshot that corresponds with your selections. If you are not satisfied with your preview, change your selections before downloading the template. Once you are satisfied, select download. The template directories are compressed zip files. When you select download, your computer will prompt you to save the file. After the file is saved onto your computer, unzip the file and extract it to the location of your choice. Once you have the files unzipped on your computer, you will be ready to edit the content of the templates.

## **Getting your Banner Template**

The banner templates have been provided to assist in creating a project specific banner, which can be easily implemented in your web application and/or site. To download a banner template, in the Library navigation select Banner Templates. Review the design previews and select the design of your choice. Make sure you choose to download the version associated with your template number (Template 1 or Template 2 or 3). Save the file to the directory of your choice so you can make the necessary edits. Unlike the template directory, this file is not a zip file. When you select your banner template, you will download an Adobe Photoshop Document.

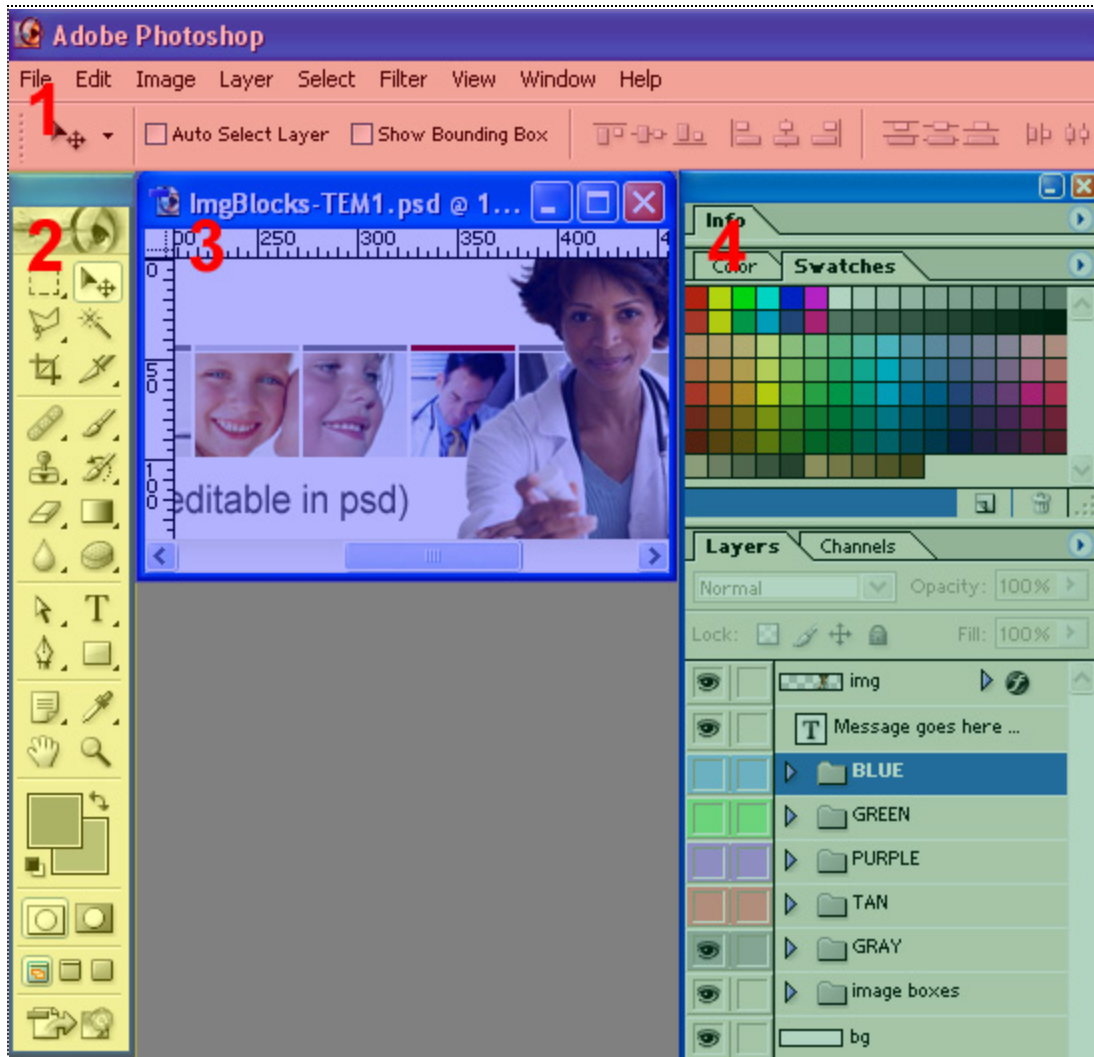
*Please note. If you have a licensed copy of Photoshop 5.0 or higher you will be able to make the changes required.*

### **Understanding Photoshop**

Photoshop is a powerful tool, which can be used in a variety of ways. The program consists of four interfacing components. (See Figure 1)

1. Commands
2. Tools
3. Your Open file
4. Palettes

For more in depth information regarding these areas of the program please refer to Photoshop help. Help can be opened from within the software and is located on the top right corner of the screen, or you can press F1.



**Figure 1 Photoshop Components**

### **Moving around within Photoshop**

When you open your banner template in Photoshop, you will see that all of the images and text are editable. The following is a list of common template edits.

### **How do I change the color scheme?**

The template file is broken up into a series of layers. You can see these layers in the Layer Palette. The Layer Palette, if open, will be located on the right side of the screen. If you do not see the Layer Palette, open the palette by selecting Window > Layers. Colors and folders are used to designate color scheme options. Not all templates include color scheme options. If your template includes color scheme options, then the Layer Palette will include layer sets that are named Blue, Green, Purple, Tan, and Gray. Next to each layer, or layer set, you will see two boxes. The first box controls the visibility of the layer. If this box contains an eye icon, the layer is visible. If this box is empty, the layer is not visible. To make your color scheme option visible, select the layer associated with

your color scheme and make the eye icon appear. Hide all of the remaining color scheme options by removing the eye icons. The only other layers that should be visible are the text layers (which can be identified by the T icon) and any layers that are not color coded. For instance, the image boxes folder in Figure 1 should be visible, along with the color scheme of choice (in this example, gray).

### How do I change my text?

All template files contain some text. The text layers can be identified by a T icon. To edit the content of a text layer, double click the layer. This will automatically change your selected tool to the “type” tool and highlight the editable text. Once the text is highlighted, begin typing. When you are satisfied with your changes, select the Move Tool (see selected tool in Figure 1). By selecting this tool you complete the layer edits and you can adjust the position of the text layer, if necessary.

### How do I save the new image?

Once you have made the necessary edits and your image appears to your liking, select File > Save for Web. A new window will open with a preview of your image. It is recommended that you choose either a gif or jpeg format. If your banner is composed of mostly text and solid colors, choose a gif format. However, if your banner is composed of gradients and photography, it is recommended that you use a jpeg format. Once you have made the necessary selections, select save. You will then be prompted to select a folder destination. Save the new image in the images folder within your template directory. Edit the home page html to include the new image instead of the old place holder (bannerHome.gif).

## Creating Your Own Banner

If you choose to create your own banner and do not wish to use the templates provided, please follow these guidelines.

<b>Template 1</b>	Your banner should be 140 pixels in height and 600 pixels in width.
<b>Templates 2 &amp; 3</b>	Your banner should be 140 pixels in height and 769 pixels in width.

If you are incorporating photography, please follow the recommendations provided by NCI Web Resources at [http://webresources.cancer.gov/styleguide\\_imagery.html](http://webresources.cancer.gov/styleguide_imagery.html).